

# INTERNATIONAL SEARCH REPORT

International Application No  
JP2004/018333

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 B01J35/00 B01J23/38 B01J23/56

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 B01J B01D H01M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, COMPENDEX, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 05, 14 September 2000 (2000-09-14) -& JP 2000 042411 A (TOYOTA MOTOR CORP; WAKABAYASHI KATSUHIKO), 15 February 2000 (2000-02-15) cited in the application paragraph '0025! - paragraph '0032! -----	1-16
X	EP 0 466 984 A (UOP) 22 January 1992 (1992-01-22) column 7, line 30 - column 8, line 7 column 9, line 7 - line 14 -----	1
X	US 6 083 467 A (TAKESHIMA ET AL) 4 July 2000 (2000-07-04) column 8, line 55 - column 9, line 15; figures 4,5,7; example 5 ----- -/-	1,9

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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- \*P\* document published prior to the international filing date but later than the priority date claimed

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- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

15 February 2005

Date of mailing of the international search report

28/02/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Veefkind, V

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>DATABASE WPI Section Ch, Week 199547 Derwent Publications Ltd., London, GB; Class A97, AN 1995-363054 XP002317375 -&amp; JP 07 246343 A (WAKABAYASHI K) 26 September 1995 (1995-09-26) paragraphs '0015!', '0019!' - '0022!', '0025!', '0027!'</p>	1-16
E,L	<p>EP 1 494 304 A (NISSAN MOTOR CO., LTD) 5 January 2005 (2005-01-05)</p> <p>(L: priority) claim 20; example 3</p>	1-3, 7-10,14, 15
X	<p>EP 0 931 590 A (MAZDA MOTOR CORPORATION) 28 July 1999 (1999-07-28) paragraph '0011!'</p>	1-8
A	<p>KIM W-Y ET AL: "Methanol synthesis from syngas over supported palladium catalysts prepared using water-in-oil microemulsion" APPLIED CATALYSIS A: GENERAL, ELSEVIER SCIENCE, AMSTERDAM, NL, vol. 169, no. 1, 17 April 1998 (1998-04-17), pages 157-164, XP004271387 ISSN: 0926-860X Paragraph 2.1 "Catalyst preparation"figure 1</p>	1-16
A	<p>MARTINEZ-ARIAS ET AL.: "Study of the lean NOx reduction with C3H6 in hte presence of water over silver/alumina catalysts prepared from inverse microemulsions" APPLIED CATALYSIS B ENVIRONMENTAL, vol. 28, 2000, pages 29-41, XP002317374 the whole document</p>	13

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Information on patent family members

International Application No

/JP2004/018333

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
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